SBR No. 21/20-21
DATED 19-6-2020

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

EE/ELE/Y/BR No. 21/20-21

Dt. 19-6-2020

No. 1st Running Bill

Date.....2019

Division: **Electricals (Yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-011-18-000132** -

Schedule Docket No. Head of Account : P – P 0287 D.R.No.

Name of Work **Annual Maintenance Of Electrical Equipments and Maintenance of Crematorium at Mediagrahara, Lakshmipura in ward no11.**

.Name of Contractor and Full Address **Sri. Subbaiah.Prof of M/s Sri Shanmukha Engineer,**

Reference to Agreement No:EE(Ele)YZ/WO/000048 / 2018-19 Date:- 1/02/2019

Certified that the measurements were taken by me on 15/11/20 and recorded of Pages 256722 to 728 of measurement Book No. 2568/19-20 and that the work is satisfactorily executed.

For Shree Shanmukha Engineers

Contractor

Proprietor

Officer-in-charge of work

Certified that the measurement were taken by me on ..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)

Sub-Division Officer

II Memorandum of Payment

BBMP, Bangalore

		Amount
1)	Total value of work done or supplies made as per account within	Bill= 10,16,283=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 1% 10,163=00
3)	" Balance	LWC 1% 10,163=00
4)	Deduct Payment:	CBFD 1% 1016=00
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	Swat 1% 9074=00
		Cwat 1% 9074=00
		deductions= 39,490=00
b)	Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	cheque= 9,76,793=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated..... .....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

For Shree Shanmukha Engineers

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Proprietor

(For use in the Office)

Witness

1.

2.

For Shree Shanmukha Engineers

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Proprietor

Cash Rs.....

Dated.....Initials of Officer making payme

ಕಾಮಗಾರಿಯ ಪುಸ್ತಕ 287 pages m2,R to electrical

ರೂ: 10,16,283=00 ಗುತ್ತಿಗೆದಾರರಿಗೆ

ರೂ: 9,76,793=00 ;

ರೂ: 39,490=00 ;

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು

ಕಾ.ನಿ.ಅ.(ವಿ) ಯಲಹಂಕ ವಿಭಾಗ

POCO
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Sl. No	Description
	Name Of Work:- Annual Maintenance Of Electrical Equipments and Maintenance of Crematorium at Mediagrahara Lakshmipura in Ward No 11.
1	Licenced electrician wiremen fitter with tools (Skilled) Rs.13365/Person/Month. Rs.13365*12=1,60,380/Person/Year. KAE71LWA 2015 Dated 04-08-2016
2	a) Helper (Electrical) (Semi-Skilled) Rs.11011/Person/Month. Rs.11011*12=132132/Person/Year. KAE71LWA 2015 Dated 04-08-2016
3	a) Sweeper (Unskilled) Rs.11011/Person/Month. Rs.11011*12=132132/Person/Year. KAE71LWA 2015 Dated 04-08-2016
4	Gurkha Watchman (Unskilled) Rs.11011/Person/Month. Rs.11011*12=132132/Person/Year. KAE71LWA 2015 Dated 04-08-2016
5	Material components per day a)soap oil
	b)phenyl
	c)Air Freshner cakes
	d)Room Freshner
	e)Checks cloth
	f)Dust cloths
	g)Mop cloth
	h)Soft broom
	i)Hard broom
	j)Road brush
	k)Urinal cakes
	l)HCL
6	Supplaying & Fixing of Coil holding bricks Vertical System115X115X300 mm
	Work Slip Qty
7	Supplaying & Fixing of 3.5 KW Heating coils Made out of 5.8mm Thick 80/20 Grade nickel chromium wire Heating Zone should be 950mm length, End terminal rod ss 304Grade 10mm dia 550mm Lenth suitable fo Verticle mounting system in Electrical Furnace including Porcelin beeds spacers Supporting system Complet
	Work slip Qty
8	Supplaying & Fixing of Body laying with MCL 150X300X600mm
	Work slip Qty
9	Annual Maintenance of 180 KVA D.G. Set Existing A.M.C. including of labour charges only for replacing th spare parts and periodically checkup of D.G. AMF panel (Without operator)
10	Supplying & Changing of B Check Kit for Engine.
11	Supplying & Changing of Alternator AVR.(Automatic Voltage Regulator)
12	Supplying & Changing of Alternator Rectifier
13	Supplying & Changing of Dynamo repair Kit such as Corbons, Bearings & Diode Etc,.
14	Supplying & Changing of Batery terminals
15	Supplying & Fixing of Air filter
16	Supplying of Switch disconnector fuse unit (TPN) HRC type (but without HRC fuses). With AC-23A duty and as per IS-13947 2) 125Amps
17	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703. 3) 125Amps
18	Supplying & Changing of Radiotor hose Kit (3 Nos)
19	Supplying & Changing of Top cover gasket.
20	Servicing & cleaning of Scrubber, Scrubber duct Exhaust Blower & Duct Furnace to Chimny and cleaning chimny (6 monts once)

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Divisional
Sub Divisional
Account : P – P 028
and Maintenance

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty	Cost	Qty	Rate	Amount	Qty	Cost	
Per erso n			1	160380.00	160380.00	1	160380.00	
Per erso n			1	132132.00	132132.00	1	132132.00	
Per erso n			0	132132.00	0.00	0	0.00	
Per erso n			0	132132.00	0.00	0	0.00	
/Ltrs			98	12.00	1176.00	98	1176.00	
/Ltrs			147	60.00	8820.00	147	8820.00	
Each			296	8.00	2368.00	296	2368.00	
/Ltrs			50	135.00	6750.00	50	6750.00	
Doz			97	43.00	4171.00	97	4171.00	
Doz			49	43.00	2107.00	49	2107.00	
Each			36	60.00	2160.00	36	2160.00	
Each			34	17.00	578.00	34	578.00	
Each			35	6.00	210.00	35	210.00	
Each			12	94.00	1128.00	12	1128.00	
Each			148	6.00	888.00	148	888.00	
/Ltrs			36	6.00	216.00	36	216.00	
Each			2	5977.00	11954.00	2	11954.00	
			8	5977.00	47816.00	8	47816.00	
Each			4	31820.00	127280.00	4	127280.00	
			1	31820.00	31820.00	1	31820.00	
Each			7	9976.00	69832.00	7	69832.00	
			14	9976.00	139664.00	14	139664.00	
Each			1	37840.00	37840.00	1	37840.00	
Nos			2	3136.00	6272.00	2	6272.00	
Nos			1	8256.00	8256.00	1	8256.00	
Nos			1	2408.00	2408.00	1	2408.00	
Nos			1	2666.00	2666.00	1	2666.00	
Nos			2	230.00	460.00	2	460.00	
Nos			1	2476.00	2476.00	1	2476.00	
Each			1	4351.00	4351.00	1	4351.00	
Each			3	307.00	921.00	3	921.00	
Set			1	1651.00	1651.00	1	1651.00	
Nos			1	1651.00	1651.00	1	1651.00	
P/Set			4	8600.00	34400.00	4	34400.00	

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21	Accost - 50 Grade
	Work Slip Qty
22	Fire crate super
23	Thermotex
24	Fire blanket : 128 Grade
25	Plastic buckets 20 L capacity PWD Civil SR 2013-14
26	Plastic Mugs PWD Civil SR 2013-14
27	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP - A.1.5 sqmm
28	4)4 sqmm
29	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of overload and short circuit with thermal Magnetic/Micro processed release and Earth Fault as per IS-13947. (Icu=Ics). FOUR POLE 6) 125-160Amps 25kA.
30	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 4) 100 Amps
31	5) 200 Amps
32	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C.50 Hz 12/24v D.C.
33	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 11) 95 sq mm long barrel
34	15) 240 sq mm long barrel
35	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessar bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. 4) 5)160-200Amps
36	3) 60-70 amps
37	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixin materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K ar Complete wiring as required confirming IEC 60898. 6) 40-63 Amps TPN
38	3) 5-32Amps DP
39	Supplying, installation, testing & commissioning of 12Volts ..AH batteries in poly propylene container for D.G. sets. Low maintenance batteries, plate type.150AH capacity. Acid batteries
	Total Rs

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Elc)
BBMP, Bangalore

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Bag			1	1462.00	1462.00	1	1462.00	
			25	1462.00	36550.00	25	36550.00	
Bag			1	2365.00	2365.00	1	2365.00	
Bag			1	2666.00	2666.00	1	2666.00	
ach			1	2709.00	2709.00	1	2709.00	
No			4	103.00	412.00	4	412.00	
No			5	25.00	125.00	5	125.00	
			95	15.00	1425.00	95	1425.00	
mt			90	36.00	3240.00	90	3240.00	
Mtr								
ach			3	4649.00	13947.00	3	13947.00	
ach			3	309.00	927.00	3	927.00	
ach			6	629.00	3774.00	6	3774.00	
ach			6	428.00	2568.00	6	2568.00	
ach			16	128.00	2048.00	16	2048.00	
ach			6	411.00	2466.00	6	2466.00	
ach			2	13737.00	27474.00	2	27474.00	
ach			3	4105.00	12315.00	3	12315.00	
ach			4	1664.00	6656.00	4	6656.00	
ach			4	730.00	2920.00	4	2920.00	
ach			2	17716.00	35432.00	2	35432.00	
					1016283.00		1016283.00	

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